

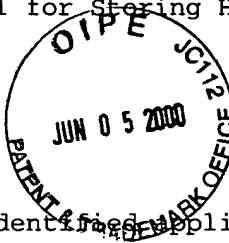
In re application of: William J. Baer, et al. Serial No. 09/489,561

secta, \$

Filed: January 21, 2000

Group Art Unit: 2762

Title: Method and Configurable Model for Storing Hierarchical Data in a Non-Hierarchical Data Repository

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, DC 20231

SIR:

Transmitted herewith in the above-identified application are:

- ☒ Notice to File Missing Parts (\$130.00)
☒ Declaration and Power of Attorney
☒ Return Postcard

The fee has been calculated as shown below:

CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDIT. FEE
TOTAL	MINUS 20	= 0	x 18 =	\$.00
INDEP.	MINUS 3	= 0	x 78 =	\$.00
FIRST PRESENTATION OF MULTIPLE DEP. CLAIM			+260 =	\$
			Surcharge	\$
			TOTAL	\$

☒ Please charge my Deposit Account No. 09-0460 in the amount of \$130.00.
 A duplicate copy of this sheet is attached.

☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 09-0460. A duplicate copy of this sheet is attached.

- ☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
☒ Any patent application processing fees under 37 CFR 1.17.

Sincerely,
 William J. Baer, et al.

CERTIFICATE OF MAILING

I hereby certify that the above paper/fee is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC 20231 on

May 31, 2000

Person Mailing paper/fee
 Jeanette B. Durbin.

Signature

Ingrid M. Foerster
 Registration No. 36,511
 Attorney for Applicant(s)
 Telephone (408) 463-5675
 IBM Corporation
 Intellectual Property Law
 Dept. J46/G467
 555 Bailey Avenue
 San Jose, CA 95141-1003

27

FILING RECEIPT



OC000000005037110



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

Address: ASSISTANT SECRETARY AND
COMMISSIONER OF PATENT AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
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09/489,561

01/21/2000

2762

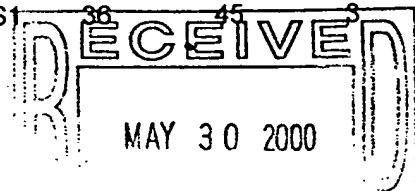
1140

STL000025US1

Ingrid M Foerster Esq
IBM Corporation Intellectual Property
555 Bailey Avenue J46G475
San Jose, CA 95141-1003



DMF



Date Mailed: 04/07/2000

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

RECEIVED
JUN 12 2000
CUSTOMER SERVICE CENTER 2700

Applicant(s)

William J. Baer, Residence, NOT PROVIDED;

Continuing Data as Claimed by Applicant

Foreign Applications

If Required, Foreign Filing License Granted 04/07/2000

**

Title

Method and configurable model for storing hierarchical data in a non-hierarchical data repository
Method and configurable model for storing hierarchical data in a non-hierarchical data repository.

Preliminary Class

717

Data entry by : BARNES, CAROL

Team : OIPE

Date: 04/07/2000



In re Application of: William J. Baer et al.

Serial No. 09/489,561

Group No. 2762

Filed: January 21, 2000

Title: Method and Configurable Model for Storing Hierarchical Data in a
Non-hierarchical Data Repository

Attn: APPLICATION PROCESSING DIVISION

Customer Correction Branch

ASSISTANT COMMISSIONER FOR PATENTS

WASHINGTON, DC 20231

REQUEST FOR CORRECTED FILING RECEIPT

Dear Sir:

Please be advised that the Filing Receipt for the above-identified application is incorrect because of the following:

TITLE: In the title please change the word "respository" to read
-- repository --

In support of this request a copy of the original Filing Receipt showing this error and a copy of the original Transmittal sheet and the front page of the Specification mailed with the Application on January 21, 2000 showing the correct spelling of --repository-- are attached.

Correction of the records of the United States Patent Trademark Office and issuance of a corrected Filing Receipt are respectfully solicited.

Respectfully submitted,
William J. Baer, et al.

Date: May 31, 2000

Ingrid M. Foerster
Ingrid M. Foerster
Registration No. 36,511
Attorney for Applicant(s)
Telephone (408) 463-5675
IBM Corporation
Intellectual Property Law
Dept. J46/G467
555 Bailey Avenue
San Jose, CA 95141-1003

Receipt

FORM PTO-1083/Modified

IBM Docket No. STL000025US1 (PATENT)

In re application of: William J. Baer et al.

Serial No. 09/489,561

Group No. 2762

Filed: January 21, 2000

Title: Method and Configurable Model for Storing Hierarchical Data in a Non-hierarchical Data Repository

FILE COPY

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JUL 12 2000
TECH CENTER 2700

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, DC 20231

SIR:

Transmitted herewith in the above-identified application are:

- ☒ Request for Corrected Filing Receipt;
- ☒ Photocopy of Incorrect Filing Receipt;
- ☒ Photocopy of Transmittal mailed 1/21/00;
- ☒ Photocopy of the Title Page of the Application
- ☒ Return Postcard.

The fee has been calculated as shown below:

CLAIMS REMAINING AFTER		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDIT. FEE
AMENDMENT					
TOTAL	MINUS	20	= 0	x 18. =	\$.00
IND.P.	MINUS	6	= 0	x 78 =	\$.00
FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+260 =	\$
				TOTAL	\$

- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 09-0460. **A duplicate copy of this sheet is attached**
- ☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
- ☒ Any patent application processing fees under 37 CFR 1.17.

CERTIFICATE OF MAILING

I hereby certify that the above paper/fee is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC 20231 on May 31, 2000

Person mailing paper/fee.

Jeanette Berry Durbin

Signature

Jeanette Berry Durbin

Respectfully submitted,
William J. Baer, et al.

Ingrid M. Foerster
Ingrid M. Foerster
Registration No. 36,511
Attorney for Applicant(s)
Telephone (408) 463-5675
IBM Corporation
Intellectual Property Law
Dept. J46/G464
555 Bailey Avenue
San Jose, CA 95141-1003



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
UTILITY PATENT APPLICATION TRANSMITTAL
UNDER 37 CFR 1.53(b)

Address to: Box Patent Application Assistant Commissioner for Patents Washington, DC 20231	Attorney Docket No.	STL000025US1
	Inventor(s)	William J. Baer et al.,
	Express Mail Label No.	EJ495233803US
	Filing Date	January 21, 2000

RECEIVED
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Title of Application: A METHOD AND CONFIGURABLE MODEL FOR STORING HIERARCHICAL DATA INTO A NON-HIERARCHICAL DATA REPOSITORY

Transmitted with the patent application are the following:

156 Page(s) Specification, Claims and Abstract
63 Pages Appendix
36 Page(s) Informal drawings
Page(s) Declaration and Power of Attorney
Page(s) Assignment of the Invention to International Business Machines Corporation
Page(s) Information Disclosure Statement (IDS/PTO 1449) (copies of citations not included in number of pages)
Copies of IDS citations
 X Return Receipt Postcard (MPEP 503).

This application is a:

 Continuation Divisional Continuation-in-Part of prior application Serial No. _____,
Prior application information: Examiner: _____ Group Art Unit: _____

Fee Calculation:

	Claims		Extra	Rate	Fees
Basic Fee					\$690.00
Total Claims	45	-20 =	25	x \$18.00	\$450.00
Independent Claims	3	-3 =		x \$78.00	
Multiple Dependent Claims				+\$260.00	
				TOTAL	\$1140.00

- X Please charge my Deposit Account No. 09-0460 in the amount of \$ 1140.00. A duplicate copy of this sheet is attached.
 X The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 09-0460. A duplicate copy of this sheet is attached.
 X Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
 X Any patent application processing fees under 37 CFR 1.17.

EXPRESS MAIL CERTIFICATE

I hereby certify that the above paper/fee is being deposited
with the United States Postal Service "Express Mail Post Office to Addressee"
service under 37 CFR 1.10 on the date indicated below and is addressed
to the Assistant Commissioner for Patents, Washington, DC 20231.

Date of Deposit: January 21, 2000

Person Mailing paper/fee: Jeanette Berry Durbin

Signature: Jeanette Berry Durbin

Respectfully submitted,
William J. Baer, et al.,

Ingrid M. Foerster
Ingrid M. Foerster, Esq.,
Registration No. # 36,511
Attorney for Applicants
Telephone (408) 463-5675
IBM Corporation
Intellectual Property Law
555 Bailey Avenue (J46/G475)
San Jose, CA 95141-1003



A METHOD AND CONFIGURABLE MODEL FOR STORING HIERARCHICAL DATA IN A NON-HIERARCHICAL DATA REPOSITORY

5 CROSS REFERENCE TO RELATED APPLICATIONS

This application is related to the co-pending and commonly assigned patent applications listed below, which were filed herewith on January 21, 2000 and are all incorporated by reference herein:

- 10 **A System and Method for Creating Compilations of Content**
Serial No. ___/___,___ (Our reference Docket # STL000012US1)
- 15 **Method and System for Adding Content to a Content Object Stored in a Data Repository**
Serial No. ___/___,___ (Our reference Docket # STL000013US1)
- Method and System for Adding User-Provided Content to a Content Object Stored in a Data Repository**
Serial No. ___/___,___ (Our reference Docket # STL000014US1)
- 20 **Method and System for Moving Content in a Content Object Stored in a Data Repository**
Serial No. ___/___,___ (Our reference Docket # STL000015US1)
- Method and System for Removing Content in a Content Object Stored in a Data Repository**
Serial No. ___/___,___ (Our reference Docket # STL000016US1)
- 25 **Prerequisite Checking in a System for Creating Compilations of Content**
Serial No. ___/___,___ (Our reference Docket # STL000017US1)
- 30 **Method and System for Preventing Mutually Exclusive Content Entities Stored in a Data Repository**
Serial No. ___/___,___ (Our reference Docket # STL000018US1)
- Volume Management Method and System for a Compilation of Content**
Serial No. ___/___,___ (Our reference Docket # STL000019US1)
- 35 **Method and System for Calculating Cost of a Compilation of Content**
Serial No. ___/___,___ (Our reference Docket # STL000020US1)
- Method and System for Storing Hierarchical Content Objects in a Data Repository**
Serial No. ___/___,___ (Our reference Docket # STL000021US1)
- File Structure for Storing Content Objects in a Data Repository**
Serial No. ___/___,___ (Our reference Docket # STL000022US1)
- 45 **Providing a Functional Layer for Facilitating Creation and Manipulation of Compilations of Content**
Serial No. ___/___,___ (Our reference Docket # STL000023US1)
- 50 **A Hitmask for Querying Hierarchically Related Content Entities**
Serial No. ___/___,___ (Our reference Docket # STL990182US1)

105

3

FORMALITIES LETTER



OC00000005037111

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark OfficeAddress: COMMISSIONER OF PATENT AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/489,561	01/21/2000	William J. Baer	STL000025US1

Ingrid M Foerster Esq
IBM Corporation Intellectual Property Law
555 Bailey Avenue J46G475
San Jose, CA 95141-1003



Date Mailed: 04/07/2000

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 130.**

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

06/07/2000 SSESHE1 00000012 09489561

01 FC:105 130.00 CH